

## REMARKS

Claims 32, 52, and 53 were amended to correct a typographical error wherein the units --  $\mu\text{m}$  -- were inadvertently entered as "mm" (*See, e.g.*, Specification, page 6, line 23). The specification was amended to simply correct the numbering of the references.

In light of the above amendments and remarks, the Applicant respectfully requests that the Examiner reconsider this application with a view towards allowance. The Examiner is invited to call the undersigned attorney if a telephone call could help resolve any remaining items.

No fee is believed to be due for this submission. Should any fees be required, please charge such fees to Pennie & Edmonds deposit account no. 16-1150

Respectfully submitted,

Date: April 9, 2003



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**Appendix A**  
Changes to the Specification  
Application No.: 10/000,297 Filed: December 4, 2001

- [22] 20. Wan, AAC, Mao H-Q, Wang S, Leong KW, Ong LKLL, Hanry Y. Fabrication of poly(phosphoester) nerve guides by immersion precipitation and the control of porosity. Biomaterials, 2000, in press.
- [23] 21. Guenard V, Kleitman N, Morrissey TK, Bunge RP, Aebischer P, Syngeneic Schwann cells derived from adult nerves seeded in semipermeable guidance channels enhance peripheral nerve regeneration. J Neurosci. 1992; 12:3310-20
- [24] 22. Andriano KP, Tabata Y, Lkada Y, Heller J. In vitro and in vivo comparison of bulk and surface hydrolysis in absorbable polymer scaffolds for tissue engineering. J. Biomed Mater Res 1999, 48:602-612.
- [25] 23. Henry EW, Chiu TH, Nyilas E, Brushart TM, Dikkes P, Sidman RI, Nerve regeneration through biodegradable polyester tubes. Exp Neurol 1985;90:652-76.
- [26] 24. Perego G, Vercellio T, Balbontin G, Copolymers of L and D,L-lactide with 6-caprolactone: synthesis and characterization. Macromol Chem 1993; 194-2463-2469.
- [27] 25. Aebischer P, Salessiotis AN, Winn SR. Basic fibroblast growth factor released from synthetic guidance channels facilitates peripheral nerve regeneration across long nerve gaps. J. Neurosci Res 1989; 23:289-9.

**Appendix B**  
Changes to the Claims  
Application No.: 10/000,297 Filed: December 4, 2001

33. (Amended) The nerve guide conduit of claim 22, wherein the wall has a thickness of between 150 and 250 [mm]  $\mu\text{m}$ .

52. (Amended) The nerve guide conduit of any one of claims 48 to 50, wherein the average diameter of the microspheres is between 5 and 20 [mm]  $\mu\text{m}$ .

53. (Amended) The nerve guide conduit of claim 52, wherein the average diameter of the microspheres is [mm]  $\mu\text{m}$ .